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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

OFFICIAL

In re the application of: Lonnie O. Ingram et al.

Scrial No.: 10/001,218

Filed: November 30, 2001

For: ETHANOL PRODUCTION IN GRAM-

POSITIVE MICROBES

Attorney Docket No.: 49950-59824CON4

Group Art Unit: 1652

Examiner: Saidha, T.

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Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 JE Sandha 1 8/10/04

CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that this document is being transmitted via facsimile to the Group Secretary, Group Art Unit 1652, in the U.S. Patent and Trademark Office (Fax No. (703) 872-9306) on the date shown below:

Dated:

July 20, 2004

Peter C. Lauro, Esq.

AMENDMENT AND RESPONSE AFTER FINAL PURSUANT TO 37 C.F.R. §1.116

Dear Sir:

This is in response to the final Office Action mailed April 16, 2004 in the aboveidentified application. A separate request for a three-month extension of time in which to reply, and the requisite extension fee based on small entity status, are filed concurrently herewith.

Amendments to the Claims are reflected in the listing of claims, which begins on page 2 of this paper.

Remarks begin on page 5 of this paper.